

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 03207358
PUBLICATION DATE : 10-09-91

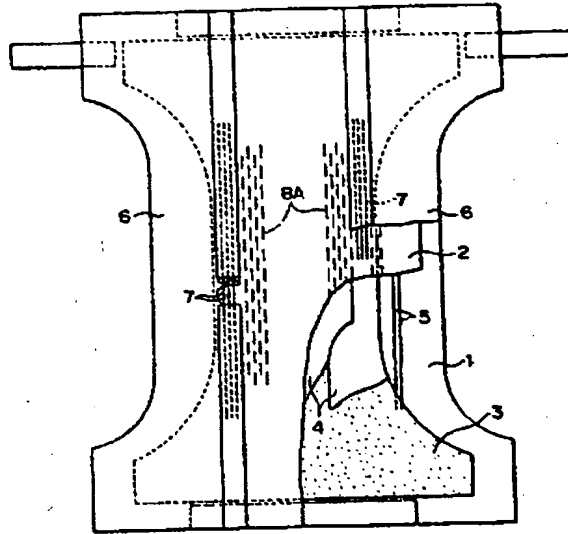
APPLICATION DATE : 10-01-90
APPLICATION NUMBER : 02002757

APPLICANT : DAIO PAPER CORP;

INVENTOR : ISHIBASHI MITSURU;

INT.CL. : A61F 13/15 A61F 5/44

TITLE : PAPER DIAPER AND MANUFACTURE THEREOF



ABSTRACT : PURPOSE: To prevent the lateral leakage of the moisture of urine or a loose passage by forming a barrier sheet forming a barrier cuff from a liquid impermeable sheet material and mounting an elastic extensible member to the barrier sheet to form the barrier cuff.

CONSTITUTION: An absorbing body 3 composed of fluffy pulp is interposed between a liquid impermeable back sheet 1 and a hydrophilic liquid permeable sheet 2 composed of a nonwoven fabric having a width narrower than that of the liquid impermeable back sheet 1. Further, a liquid permeable top sheet 2 is provided so as to outwardly extend from the side edges of the absorbing body 3 and the deformable elastic extensible members 5 having a ship-shaped cross-sectional surface of the absorbing body are fixed between the extended parts and the back sheet 1 per a single side and the inside parts other than the fixed part of the back sheet 1 and a paper diaper become free parts unfixed to the liquid permeable sheet 2 and these free parts become the erected parts on the surface side of the paper diaper. By this constitution, the lateral leakage of a loose passage is prevented.

COPYRIGHT: (C)1991,JPO&Japio